

Engineer's Log
S.S. Barluk.

William Goodbeer

Chief Engineer
S.S. Barluk
Season 1906.

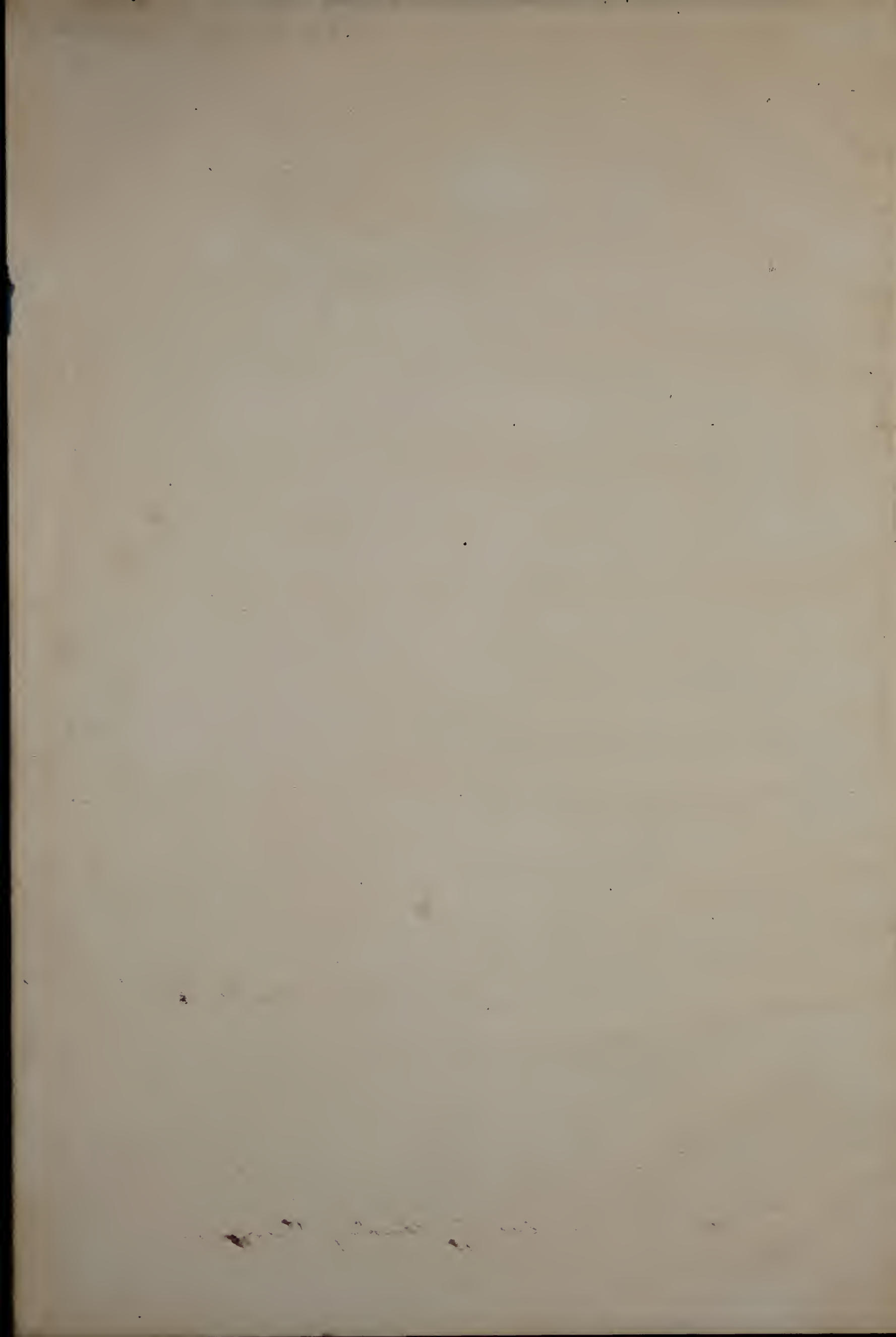
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HOURS.	KNOTS.	FATHOMS.	COURSES.	WINDS.	LEEWAY.	BAROMETER.	TEMP.	REMARKS.
1								Friday July 6 th A. M. Herschell Island.
2								
3								
4								Blowing strong from the North East.
5								an thick fog set in
6								fog cleared off in the afternoon sun came out hot.
7								
8								Saturday July 7 th Herschell Island.
9								
10								Light Air from the South West
11								Steam Thrasher started fires in the morning
12								at 5 pm. Strong Breezes from the North West.
1								for 2 hrs.
2								P. M. Herschell Island.
3								Sunday July 8 th
4								
5								Very Warm in the Fore noon In the Afternoon
6								Strong Breeze North West. Plenty of Mosquitoes
7								at 6 pm steam Thrasher sailed got through the
8								ridge into clear water at 9 pm Light N E Wind
9								
10								Monday July 9 th Herschell Island.
11								Strong North East Breeze. an Clear
12								Started fires at 1 pm.

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.
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Journal of

from Tues July 10th Herschell Island

HOURS.	KNOTS.	FATHOMS.	COURSES.	WINDS.	LEEWAY.	BAROMETER.	TEMP.	REMARKS.
1	Steam	120	23	Coal.	35-00	7.00	100	A. M. Sailed from Herschell Island to Eastward at 11 am
2								Passed King Point 4 ³⁰ pm
3								Stopped and blacked up
4								no 2 Journal 4 pm off
5								Dead Slow at 9 ⁴⁰ pm
6								In 3 1/2 Fathoms Water
7								took Fresh Water 9 ³⁰ pm
8								July 11
9								
10								Anchored at 12 ¹⁵ am
11								Ahead 9 ³⁰ am Stopped 10 ³⁰ am
12	110	23	300	600	80	P	100	P. M. off Leary Island
1								Plenty off Ice but scattering
2								Winded North East.
3								Use Cardiff Coal.
4								found Water in Back
5								Connection small Leak
6								
7								
8								
9								
10								
11								
12								

5.100

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.
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Journal

Stur Barluk from

HOURS.	KNOTS.	FATHOMS.	COURSES.	WINDS.	LEEWAY.	BAROMETER.	TEMP.
1							
2							
3	110	23	2.	500	700	130	80.
4							
5							
6							
7							
8							
9							
10							
11							
12	110	23	1	300	650	130.	80
1							
2							
3							
4							
5							
6							
7							
8							
9	110	23	1	300	700	130	80.
10							
11							
12							

Thursday July 12.
A. M. Weather very Hot.
thermometer 100 in the sun
Ship at Anchor off Geary Island
Moved Ship in Shore at 6 pm

Friday July 13th.
Stur Jennette. Alexander
an Bowhead in sight
to the south west.
small Leak in Back
P. M. Connection of Boiler
take up when steaming

Saturday July 14th.
Heighed Anchor an under
sail 1 hour. then Anchored
off Pelly Island. Wind S.W.
thick fog.
Mate gone fishing

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.
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Journal

from

Sunday. July 15th

HOURS.	KNOTS.	FATHOMS.	COURSES.	WINDS.	LEEWAY.	BAROMETER.	TEMP.
1	120	23	130	600	600.	130	85.
2							
3			3.				
4							
5							
6							
7							
8							
9							
10							
11	120	23	13 hr	3200.	275	130	90
12							
1							
2							
3							
4							
5							
6							
7							
8			hr				
9	120	23	5 1/2	1200	450	130	90.
10							
11							
12							

A. M. Steamed from 10^{am} to 11^{am} and
then Anchored.
Moved Ship 2 hr for Ice.
thick fog. All Day.

Monday. July 16th.
Worked Ship for Ice. 1 1/2 hrs
from 12 to 6^{am}
at 8³⁰ am got under way
an steamed until 1³⁰ pm
P. M. then Worked Ship for Ice
from 5³⁰ pm to 12^{am} 2 hrs.

Tuesday. July 17th.
Steam at 3³⁰ pm to 6 pm.
Steam at 7 pm. to 10 pm
then made fast to
Ground Ice thick Fog.
Wind West

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.
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HOURS.	KNOTS.	FATHOMS.	COURSES.	WINDS.	LEEWAY.	BAROMETER.	TEMP.	REMARKS.
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1	Steam	Coal.	B. P.	4 hours	Hot	Well	80 80	A. M. Wednesday July 18.
2								
3								
4	115	23	875	525	5 3 1/2	130	80	Ahead at 8 hrs.
5								Stopped at Toko Point
6								at 11 am sent Boat
7								on shore an got 20 Sack
8								flour an 9 lbs Coffee.
9								Wate went fishing
10								an Added 120 fish
11								to our Larder.
12								

Ahead at 8 hrs.
Stopped at Toko Point
at 11 am sent Boat
on shore an got 20 Sack
flour an 9 lbs Coffee.
Wate went fishing
an Added 120 fish
to our Larder.

P. M. Thursday July 19.
Steam at 6³⁰ am to East.
ward. Passed Cape Brown
at 5 pm.
Spoke Storo Belvidere at
12 midnight going for
Wood
reported the Fleet at
Bailey Island

1								
2								
3								
4	115	23	4375	200	17 1/2	130	90	
5								
6								
7								
8								
9								
10								
11								
12								

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.
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Journal of

from

Friday July 20th

HOURS.	KNOTS.	FATHOMS.	COURSES.	WINDS.	LEEWAY.	BAROMETER.	TEMP.	REMARKS.
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1	120	23	1775	400	7 1/2	130	100	A. M. Arrived at Bailey Is
2								an Anchored at 7 ³⁰ am
3								In a thick fog
4								Found the fleet all
5								at anchor.
6								Moved in side the
7								spit at 11 am.
8								the ships that winter
9								here had no report
10								from schooner Olga.
11								
12								

Steamed from Herschell Is
to Bailey Island 69 1/2 hrs.

Coal Consumed
Ton cwt lbs
11 6 55

100.

750.

Arrived at Bailey Is
an Anchored at 7³⁰ am
In a thick fog
Found the fleet all
at anchor.
Moved in side the
spit at 11 am.
the ships that winter
here had no report
from schooner Olga.

Saturday July 21.
P. M.
Anchored at Bailey Is
thick fog all day.
an the ice creeping
in shore.
Wind from the N. W.
an weather cold.
plenty of ice in
sight.

8900

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.
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Journal

Stur Karluk.

from

Sunday July 22nd

Hours. Knots. Fathoms. Courses. Winds. Leeway. Barometer. Temp. Remarks.

Steamer hours Coal B fires feed rev.

2 100 750

3

4

5

6

7

8

9

10

11

12

A. M. Anchored at Bailey Is.
Boys played Ball in the afternoon
Mate gone Hunting
at 5 pm Stur Hermann
went South for wood.
at 9 pm she raised
Distress Signals
Alexander gone to assist her

Monday July 23rd

P. M. Alexander arrived back
at 2³⁰ am with Hermann
in tow. found her
Propeller Blade Bent
and Caught in the Arch.
Our Mate arrived back
at 3 pm with 38 Large
Cider Ducks, an 2 Seal.
Wind North East
got Flour, an Hard Bread
from Stur Narwhal.

Course. Distance. Diff. of Lat. Departure. Lat. by D. R. Lat. by Ob. Variation. Diff. of Lon. Lon. in Lon. by Ob.

Journal

from

Tuesday July 24th

Hours. Knots. Fathoms. Courses. Winds. Leeway. Barometer. Temp. Remarks.

A. M. Anchored at Bailey Is.
Wind North an the
Ice still Close in shore.
Stur Hermann. Put
Coffer, Dam on an found
Blade. Bent.
Thermometer 34 in
the sun. Weather
Clear.

Friday July 25th
Wednesday

Anchored at Bailey Is.
Light & C. Wind an warm
Mate fishing, Crew cleaning
& Drilling fish
Ice still Close in Cannoh.
get out untill Ice moves
off shore.

Course. Distance. Diff. of Lat. Departure. Lat. by D. R. Lat. by Ob. Variation. Diff. of Lon. Lon. in Lon. by Ob.

Journal of

Steve Barlow

from

Thursday July 26.

HOURS. KNOTS. FATHOMS. COURSES. WINDS. LEEWAY. BAROMETER. TEMP.

REMARKS.

1. Steam Lac Coal. B. F. Hors. feed. 100

2. 100.

3. 750

4. 750

5. 750

6. 750

7. 750

8. 750

9. 750

10. 750

11. 750

12. 750

Anchored at Bailey Id.
wind gone to the W. West
in the Evening
Wind shifted North
Ice going off Shore
Show. 1st shift in Dept.
4th and 5th mates
gone Hunting
Weather Clear

Friday July 27th

P. M. at 8 am Jernette
an Alexander went out.
Alexander made fast
to Ground Ice out side
Sand Spit Jernette.
an Bowhead working
toward Hershell Island
Herman gone after food.
4th and 5th mates got
back with 80 Duck
Wind North East.

Course. Distance. Diff. of Lat. Departure. Lat. by D. R. Lat. by Ob. Variation. Diff. of Lon. Lon. in Lon. by Ob.

Journal of

from

Saturday July 28

HOURS. KNOTS. FATHOMS. COURSES. WINDS. LEEWAY. BAROMETER. TEMP.

REMARKS.

1. 12023 1750 425 7 135. 80

2. 90

3. 90

4. 90

5. 90

6. 90

7. 90

8. 90

9. 90

10. 90

11. 90

12. 90

A. M. Steve Barlow. Sailed
at 10 am to the North East
light & E. Breeze.
Weather Clear.
at 12³⁰ pm Steamed into
the South West
found plenty of Ice.
off Dalhousie Is. spurs.
turned Back at 4 pm
Arrived back an Anchored
on West side of
Bailey Island at 7³⁰ pm
P. M. Bowhead an Jernette
Came back.

Sunday July 29

110 250 700 7

Moved Anchorage.
from 8 am to 9 am
Weather Cloudy.
Wind light North. E
thick fog set in
Wind shifted
into the North West
but light. Steamed
Inside Sand Spit at 10 pm
an made line fast
on shore.

Course. Distance. Diff. of Lat. Departure. Lat. by D. R. Lat. by Ob. Variation. Diff. of Lon. Lon. in Lon. by Ob.

Journal

from *Stur Barluk*

Monday July 30th

HOURS. KNOTS. FATHOMS. COURSES. WINDS. LEEWAY. BAROMETER. TEMP. REMARKS.

Steam the hour Coal B fire feed rev.

2

3

4

5

6

7

8

9

10

11

12

1

2

3

4

5

6

7

8

9

10

11

12

100.

750

100

750

Day. Steamed in July.

Day

Hrs. Mins

31

5

0.

Coal Consumed For July.

Tons cwt lbs.
15. " 15. " 80.

Galley
total. 16 " 15 " 80.

To End the Month of July.

Wm Godbeer Chief Engr.

all At Sea Dept

A. M. Bailey Island. Ship
made to the shore
with lines. Bow on the
Beach. Weather thick
fog. Wind South West.
The Fleet at Anchor here
Beluga Bow on the Beach
Blowing Strong all day
Ice hard on current.
get out. to go anywhere

P. M.
gave 5 Gallon Coal Oil
on Deck. Only 20 Gallon
more in Ship. Captain
gave Order to burn no.
more Coal Oil in Engine
room. Burning Coal Oil
stove in After Cabin
for cooking purpose.

Course. Distance. Diff. of Lat. Departure. Lat. by D. R. Lat. by Ob. Variation. Diff. of Lon. Lon. in Lon. by Ob.

Journal of

from

HOURS. KNOTS. FATHOMS. COURSES. WINDS. LEEWAY. BAROMETER. TEMP. REMARKS.

1

2

3

4

5

6

7

8

9

10

11

12

1

2

3

4

5

6

7

8

9

10

11

12

A. M.

Coal On hand In Ship

Tons cwt lbs.
49. 4. 20.

P. M.

Course. Distance. Diff. of Lat. Departure. Lat. by D. R. Lat. by Ob. Variation. Diff. of Lon. Lon. in Lon. by Ob.

Journal

of *Stmr Karluk.*

from

Herschell Island.

HOURS. KNOTS. FATHOMS. COURSES. WINDS. LEEWAY. BAROMETER. TEMP.

Steam 1/2 Hour Coal.

B.F. feed

res

A. M.

Wednesday Aug 1st

at 7 am Stmr Thrasher and Chas Hansen Steamed in North West off the Island West Wind. and Fog off Shore. Stmr Hansen Arrived back and Anchored at 7³⁰ pm up at the End of the Bay. Stmr Thrasher working to the South West. P. M. Karluk at Bailey Id

Thursday Aug 2nd

Gave Water 2 Axle s from Engine room. Store room Weather Clear but Wind South West. In the Evening Wind Moderated Ship at South West. Sand Spits Bailey Island Plenty of Ice in sight

Course. Distance. Diff. of Lat. Departure. Lat. by D. R. Lat. by Ob. Variation. Diff. of Lon. Lon. in Lon. by Ob.

Journal of

from

Friday Aug 3rd

HOURS. KNOTS. FATHOMS. COURSES. WINDS. LEEWAY. BAROMETER. TEMP.

REMARKS.

A. M. Sailed from Bailey Island and went up to the North West and found plenty of Ice. Turned around about S. W. Made fast to ground Ice plenty off Ice in sight off Dalhousie. Light North East Breeze. Ice moving to Westward slow. Bowhead & Beluga here.

P. M. Moved again 30 min

Saturday Aug 4th

Got under way at 6³⁰ am. Weather Clear and Calm Ice scattering but heavy. Passed Cape Brown at 8⁰⁰ pm. put Soda in Boiler 2 Oils. Stop and take sounding at Interval. Slowed Engines to 75 rev at 9 pm.

11523 12 3000 300 135 80

11523 17 1/2 4050 200 130 80

7000 500

Course. Distance. Diff. of Lat. Departure. Lat. by D. R. Lat. by Ob. Variation. Diff. of Lon. Lon. in Lon. by Ob.

Journal of *Stur Karluk* from *Herschell Island* *11th*

Steam the hour Coal Bfire feed rev

Sunday Aug 4th

A.M.
Speeded Engines to 50 rev ^{at 3} _{8 am}
No Wind. But Cloudy.
lots off. Very Heavy Ice.
passing Pelly Island. 9 ³⁰ _{am}
Gears Island. at 11 ^{am}
in 14 1/2 Fathoms Water.
In the Afternoon Wind S W.
Arrvd Hershell 9 pm.
Stur Herman an Belvedere
an howeigan ^{slowly} for there

Empty ^{Can} Coal Oil
in tank

115 23 21 5230 100 135 80.

Coal. Ltr Consumed to Date.

Ton^s cub. lbs.
22 16 40.

P.M. *Monday Aug 5th*

Anchored at Hershell Isl.
Drewed out Fire to
Examine Back Connection
Wind North West.
Stur Belvedere reported
Ice hard on at Marten
Point 70 miles from here
Stur Boyhead Arrvd 10 ³⁰ _{pm}
from the Eastward.

Course. Distance. Diff. of Lat. Departure. Lat. by D. R. Lat. by Ob. Variation. Diff. of Lon. Lon. in Lon. by Ob.

Journal of

from

HOURS. KNOTS. FATHOMS. COURSES. WINDS. LEeway. BAROMETER. TEMP.

Tuesday Aug 7th

A.M.
Made new joint on
Donkey feed pipe on
Boiler an Cleared an
Escamined Connection
found bad ~~at~~ ^{at} Bolt
in Bottom. Cemented
Bottom of Connection
Filled Boiler an Stared Fire
11 am. Blowing Strong N. E.
North West.

P.M. *Wednesday Aug 8th*

Anchored at Hershell Isl
weather Clear an Calm
in the evening thick
fog set in
an Light North East
Wind the August Mail
reported at Shingle
Point waiting for a
North Easter. as they
have a Lighter in tow
Mail Arrvd 12 Midnight

Course. Distance. Diff. of Lat. Departure. Lat. by D. R. Lat. by Ob. Variation. Diff. of Lon. Lon. in Lon. by Ob.

HOURS.	KNOTS.	FATHOMS.	COURSES.	WINDS.	LEEWAY.	BAROMETER.	TEMP.
I	Steam	the	hurr	Coal.	B. fire	feed	rev
2							
3	100			750			
4							
5							
6							
7							
8							
9							
10							
11							
12							
I							
2							
3	100.			750			
4							
5							
6							
7							
8							
9							
10							
11							
12							

REMARKS.
Thursday Aug 9 th
A. M.
thick fog in the morning. Weather clear at noon on a strong north Easter blowing Belvidere got Back from getting wood. an Anchored at At Herschell Island At 12 ³⁰ pm weighed anchor and steamed in shore
P. M.
Friday Aug 10 th
Anchored at Herschell Island Schoner Olga Arrvd at 12 ³⁰ pm Captain reported having shot his Chief Engineer and killed him at 7 am. Strong Bowhead sailed for the westward Wind blowing N. E. good Breeze. an clear.

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.

Journal of

from

HOURS.	KNOTS.	FATHOMS.	COURSES.	WINDS.	LEEWAY.	BAROMETER.	TEMP.
I							
2	100			750			
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							
I							
2	100			750			
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							
I							
2	100			750			
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							
I							
2							
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							

REMARKS.
Saturday Aug 11 th
A. M.
Anchored at Herschell Island. Blowing strong north East an clear. Norwegian Sloop E. J. O. Sailed at 10 am for the outside Str. Permett. Arrvd 4 pm Reported seeing no Whales Bowhead Arrived at 5 pm thick fog set in in the evening an wind shifted into the N. W.
P. M.
Sunday Aug 12 th
Weather thick an wind West, but light myued. Anchored at 5 ³⁰ pm. Wind strong from the south West Weather Clear at 4 pm put down 2 anchors at Herschell Island

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.

3000

HOURS. KNOTS. FATHOMS. COURSES. WINDS. LEEWAY. BAROMETER. TEMP. REMARKS.

Steam Mac hours Coal B.P. fuel rev

100 650

3280

115 23 13 1/2 300 135 90

A. M. Friday Aug 17.
Anchored at Herschell Island.
Day came in with thick
fog. an continued so
through the Day.
An Westerly Wind
no sign of the tender
took up Hove Anchor,
in the Afternoon
Wind moderated
Heavy Ice on the Shoals
out side the Island.

P. M. Saturday Aug 18.

At Anchored at
Herschell Island.
Weather Clear but Wind
still Westerly
Ship Harbwal Arrived
at 7³⁰ am. an Anchored.
Behrretten on Bowhead.
Sailed at 9³⁰ am. for the West
we Sld at 10³⁰ am Westward
No Ice Out side

Course. Distance. Diff. of Lat. Departure. Lat. by D. R. Lat. by Ob. Variation. Diff. of Lon. Lon. in Lon. by Ob.

Journal of

from

Sunday Aug 19

HOURS. KNOTS. FATHOMS. COURSES. WINDS. LEEWAY. BAROMETER. TEMP. REMARKS.

115 23 16 1/2 55 75 100 135 80 90

A. M. Made fast to Ground
Ice at 12³⁰ am Ahead 5³⁰ am
Heavy Ice passed Barter
Island 11³⁰ am.
Very Heavy Flies.
any long. Clear in
shore.
Passed Maxman
Island 4³⁰ pm Wind North
Made fast to Ground
Ice 9³⁰ pm Weather thick

P. M. Monday Aug 20

115 23 8 1/2 2700 13 80

Steam at 5³⁰ am until 7³⁰ am
then from 11 pm until 4³⁰ pm
an then made from to
ground Ice off Cross Island
Ice hard on the Beach
at Cross Island. the pack
not broke at all yet.
this summer.
Thrasher send a Boat Sounding
in the Lagoon
Ice very Heavy.

12 205.800

Course. Distance. Diff. of Lat. Departure. Lat. by D. R. Lat. by Ob. Variation. Diff. of Lon. Lon. in Lon. by Ob.

Journal of *Starr* *Carluk*, from *Herschell Island*.

HOURS.	KNOTS.	FATHOMS.	COURSES.	WINDS.	LEEWAY.	BAROMETER.	TEMP.	REMARKS.
								<i>Starr</i> <i>hours</i> <i>Coal</i> <i>Before</i> <i>feed</i> <i>rev.</i> <i>A. M.</i> <i>Tuesday Aug 21.</i>
2								<i>Starr</i> <i>at 7³⁰ am</i> <i>pass.</i>
3								<i>through a Hole</i> <i>Close to the</i>
4	115	23	11 1/2	34	50	300.	135	<i>Beach an got in</i> <i>Clear</i> <i>Water</i>
5							85	<i>at 8 am</i> <i>but plenty off</i> <i>Heav.</i>
6							90	<i>See. Weather</i> <i>thick</i> <i>an</i> <i>f.</i>
7							100	<i>Light</i> <i>North</i> <i>East</i> <i>Wind</i>
8								<i>Starr</i> <i>Thrasher</i> <i>Ahead.</i>
9								<i>Stopped an</i> <i>Made</i> <i>fast</i> <i>to</i>
10								<i>Ground</i> <i>See</i> <i>Open</i>
11								<i>thick</i> <i>fog</i>
12								<i>P. M.</i> <i>Wednesday Aug 22nd</i>
1								<i>Starr</i> <i>at 12 am</i> <i>Stopped</i> <i>4th</i>
2								<i>ahead</i> <i>again</i> <i>3³⁰ am</i>
3								<i>Weather</i> <i>thick</i> <i>Pass</i>
4	120	23	18	6	300.	150	135	<i>Cape</i> <i>Halkett</i> <i>3 am</i>
5								<i>Arrived</i> <i>Point</i> <i>Barrow</i> <i>11³⁰ am</i>
6								<i>Found</i> <i>Tender</i> <i>at</i> <i>Anchor.</i>
7								<i>there</i>
8								<i>Captain</i> <i>went</i> <i>on</i> <i>board</i>
9								<i>an</i> <i>got</i> <i>for</i> <i>mail</i>
10								
11								
12								

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.
Journal of						from			
								Thursday Aug 23	
HOURS.	KNOTS.	FATHOMS.	COURSES.	WINDS.	LEEWAY.	BAROMETER.	TEMP.	REMARKS.	
1								A. M.	<i>Stent</i> <i>Clear</i> <i>eds</i> <i>off.</i>
2									<i>Tender</i> <i>7 am</i> <i>took</i> <i>Coal.</i>
3									<i>on</i> <i>Board.</i> <i>an</i> <i>taking</i>
4	100.				650				<i>Provisions.</i> <i>Distric</i> <i>f</i>
5									<i>Attorney</i> <i>Came</i> <i>on</i> <i>Board.</i>
6									<i>Interviewing</i> <i>the</i> <i>Crew.</i>
7									<i>thick</i> <i>light</i> <i>fall</i> <i>Ex</i>
8									<i>to</i> <i>the</i> <i>U.S.S.</i> <i>Cutter</i> <i>Thetis</i>
9									<i>at</i> <i>get.</i> <i>U.S.S.</i> <i>Cutter</i> <i>Thetis</i>
10									<i>ab</i> <i>inside</i> <i>at</i> <i>Anchor.</i>
11									
12									
1								P. M.	<i>Friday Aug 24th</i>
2									<i>Still</i> <i>off</i> <i>in</i> <i>the</i> <i>air.</i>
3									<i>at</i> <i>12 am</i> <i>an</i> <i>going</i> <i>on</i> <i>board</i>
4	100.				650				<i>Captain</i> <i>off</i> <i>to</i> <i>the</i> <i>U.S.S.</i>
5									<i>you</i> <i>board</i> <i>at</i> <i>12 am</i>
6									<i>an</i> <i>read</i> <i>the</i> <i>Law</i> <i>to</i> <i>us.</i>
7									<i>an</i> <i>said</i> <i>that</i> <i>nothing</i>
8									<i>could</i> <i>be</i> <i>done</i> <i>with</i> <i>the</i> <i>ship</i>
9									<i>arrived</i> <i>at</i> <i>the</i> <i>U.S.S.</i>
10									
11									
12									
Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.

Journal

St. Karluk.

from

Herschell Island.

HOURS. KNOTS. FATHOMS. COURSES. WINDS. LEEWAY. BAROMETER. TEMP.

REMARKS.

1 Steamed out hours Coal. B.P. feed res

A. M. Saturday Aug 25

2 11. 450

Conrad off St. Karluk.

3 11. 450

Point Barrow. With

4 11. 450

100 ft. in view on board

5 11. 450

on St. Karluk. The

6 11. 450

on St. Karluk. The

7 11. 450

100 ft. in view on board

8 11. 450

on St. Karluk. The

9 11. 450

on St. Karluk. The

10 11. 450

on St. Karluk. The

11 11. 450

on St. Karluk. The

12 11. 450

on St. Karluk. The

1 11. 450

on St. Karluk. The

2 11. 450

on St. Karluk. The

3 11. 450

on St. Karluk. The

4 11. 450

on St. Karluk. The

5 11. 450

on St. Karluk. The

6 11. 450

on St. Karluk. The

7 11. 450

on St. Karluk. The

8 11. 450

on St. Karluk. The

9 11. 450

on St. Karluk. The

10 11. 450

on St. Karluk. The

11 11. 450

on St. Karluk. The

12 11. 450

on St. Karluk. The

1 11. 450

on St. Karluk. The

2 11. 450

on St. Karluk. The

3 11. 450

on St. Karluk. The

4 11. 450

on St. Karluk. The

5 11. 450

on St. Karluk. The

6 11. 450

on St. Karluk. The

7 11. 450

on St. Karluk. The

Journal of

from

Monday Aug 27.

HOURS. KNOTS. FATHOMS. COURSES. WINDS. LEEWAY. BAROMETER. TEMP.

REMARKS.

A. M. Steamed out H 16

off the point an made

fast to ground Dec

Winterey on California

got 130 ft down 7³⁰ am

Steamed down to Cape

Lyupth 8³⁰ am Arrived 10³⁰ am

Steamed Back up on board

at 3 pm. Thick Fog

at 10³⁰ pm Steamed in

Shed an Anchored

P. M. Tuesday Aug 28.

Steamed out an made

fast to ground Dec off.

Point Barrow at 4³⁰ am

11. S.S. Star Phetis trum

to reach the Ship's in the

Dr. Phetis brought with

an 3 children on Board

under Arrest.

Steamed back an

Anchored at Point Barrow

at 4 pm. N E Wind

Course. Distance. Diff. of Lat. Departure. Lat. by D. R. Lat. by Ob. Variation. Diff. of Lon. Lon. in Lon. by Ob.

Journal of *Amos Karluk* from *Herschell Island.*

Hours.	Knots.	Fathoms.	Courses.	Winds.	Lee-way.	Barometer.	Temp.
1	Steam one hour Coal 23 fires feed per						
2							
3							
4							
5							
6	17.				50		
7							
8							
9							
10							
11							
12							
1							
2							
3							
4	15.23	2		850	400	130	90
5							
6							
7							
8							
9							
10							
11							
12							

Saturday, Sept. 1.

[illegible]

P. M. Sunday Sept 2,

[illegible]

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.
						West 9° 10' N.			
						3			

[illegible]

REMARKS.

A. M. Got under in the morning
and I took a walk of up
in a hole a trail to
the south
the hole the back of
the ears
The way here was
Long. The text is covered
by the body
of the off the trees in
the
the hills. Bunker

P. M. Wednesday Sept 17.
 Leaving at 11th P.M.
 to the South West
 Weather cloudy Wind N.E.
 Set off Hares on the Ice.
 We hauled to the Southward.
 Hauled 3 1/2 hours.
 a set Black Back 50 Yards
 Weather set in thick
 in the Evening.
 Hauled up wire to West
 overboard. Along the Pack.

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.
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Journal of

Stearns Carluk

from

Herschell Blaine.

HOURS.	KNOTS.	FATHOMS.	COURSES.	WINDS.	LEEWAY.	BAROMETER.	TEMP.	REMARKS.	
1	Stearns	vac.	hours	Coal.	B. feed	feed	rev.	Wednesday Sept 5	
2								A. M. ³⁰ Sighted R. Ship to	
3								Seeward in the morning	
4								Weather Cloudy	
5								Salt meat and potatoes	
6								for breakfast after the	
7	115	23	3 hrs.	120	500	135	90.	stop. Steaming at 7 am	
8								Ship under sail	
9								Stopped from 6 pm until ³⁰ am	
10								Captain off the H. M. Bayless	
11								Came on board.	
12								P. M. Thursday Sept 6.	
1								Weather in the morning	
2								cloudy. Steaming Bayless	
3								on Bark. Came on	
4								in light of Port. &	
5	115	23	3 1/2 hrs	550	500			W. H. H. fed around	
6								Light. Weather. Wind	
7								and Steaming 12	
8								thick. Port. & Steaming	
9								Port. H. in Steaming	
10								Steamed out of A. H. at 7 pm	
11								raised. Steaming. Montreal ³⁰ 7 pm	
12									
Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.

Journal of

from

Friday Sept 7

HOURS.	KNOTS.	FATHOMS.	COURSES.	WINDS.	LEEWAY.	BAROMETER.	TEMP.	REMARKS.	
I								A. M. Steaming at 7 ⁰⁰ m.	
2								Long. Steaming. Steaming	
3								to Steaming. Steaming	
4								Weather. Steaming. Steaming	
5	115	23	14 ^{hrs}	5180	330	135	90.	Arrived at 11:30 am	
6								at 11:30 am. Steaming	
7								at 11:30 am. Steaming	
8								at 11:30 am. Steaming	
9								at 11:30 am. Steaming	
10								at 11:30 am. Steaming	
11								at 11:30 am. Steaming	
12								at 11:30 am. Steaming	
I								P. M. Saturday Sept 8	
2								Stopped Steaming at 5 ⁰⁰ am	
3								at 5 am. Steaming	
4	115	23	5 1/2	2035	500	135	90.	at 5 am. Steaming	
5								at 5 am. Steaming	
6								at 5 am. Steaming	
7								at 5 am. Steaming	
8								at 5 am. Steaming	
9								at 5 am. Steaming	
10								at 5 am. Steaming	
11								at 5 am. Steaming	
12								at 5 am. Steaming	
Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.

Journal of

Stur-Karluk.

from

Herschell Island

HOURS.	KNOTS.	FATHOMS.	COURSES.	WINDS.	LEEWAY.	BAROMETER.	TEMP.	REMARKS.
1	120	23	11 1/2	42	53	01	135	105
2								Steamer Doc hour Coal 20 fire feet rev.
3								A. M.
4								Heard at 10:30
5								into the boat and
6								3 in light steam
7								1 out of 9 going N 41.5
8								W. at 10:30
9								Spoke Bark 40 H. at
10								at 5 pm Arthur Hicks
11								Captain on Wife
12								Came on board.
1								Stopped Steaming 5 pm
2								P. M. Monday Sept 10
3								Stopped Steaming at 12 M
4								up to the Ice.
5								found small fire under
6								Boiler at 10 and felt it hot.
7								2 up Hot fire test
8								reported loss of the
9								Chase and the
10								eastward.
11								Hurlhal returned back
12								to the Island to the

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.
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Journal of

from

Tuesday Sept 11

HOURS.	KNOTS.	FATHOMS.	COURSES.	WINDS.	LEEWAY.	BAROMETER.	TEMP.	REMARKS.
1								A. M.
2								11:00 at 11:00
3	100							750.
4								Permitte Bayless
5								Monterey. 40 in
6								in sight
7								plenty of light
8								extending Ice
9								no whales in sight
10								Captain on board
11								on board at noon
12								
1								P. M.
2								Weather clear & calm
3								6 ships in sight
4								met no whales.
5								Capt. on board
6								on board at noon
7								on board at noon
8								on board at noon
9								no whales in sight
10								but that's thick
11								with the
12								

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.
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Journal of *Starr Karluk* from *Herschell Island.*

URS.	KNOTS.	FATHOMS.	COURSES.	WINDS.	LEEWAY.	BAROMETER.	TEMP.	REMARKS.
								<i>Thursday Sept 13th</i>
								<i>A. M.</i>
2								<i>Day opened up thick fog</i>
3								<i>at 10 am fog cleared till</i>
4	<i>100</i>				<i>750</i>			<i>Went at 11 am South East</i>
5								<i>Went to the north</i>
6								<i>Went down around the</i>
7								<i>Eastern End of the Bay</i>
8								<i>at 7 pm fog cleared till</i>
9								<i>at 8 pm fog cleared till</i>
10								<i>at 9 pm fog cleared till</i>
11								<i>at 10 pm fog cleared till</i>
12								<i>at 11 pm fog cleared till</i>
1								<i>P. M.</i>
2								<i>Went to the South</i>
3								<i>at 2 pm fog cleared till</i>
4								<i>at 3 pm fog cleared till</i>
5	<i>115</i>	<i>23</i>	<i>1 1/2</i>	<i>550</i>	<i>750</i>	<i>135</i>	<i>90</i>	<i>Went to the South</i>
6								<i>at 4 pm fog cleared till</i>
7								<i>at 5 pm fog cleared till</i>
8								<i>at 6 pm fog cleared till</i>
9								<i>at 7 pm fog cleared till</i>
10								<i>at 8 pm fog cleared till</i>
11								<i>at 9 pm fog cleared till</i>
12								<i>at 10 pm fog cleared till</i>

URS.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.
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Journal of *Starr Karluk* from *Herschell Island.*

URS.	KNOTS.	FATHOMS.	COURSES.	WINDS.	LEEWAY.	BAROMETER.	TEMP.	REMARKS.
								<i>Friday Sept 14th</i>
								<i>A. M.</i>
1								<i>Day opened up thick fog</i>
2								<i>at 11 am fog cleared till</i>
3								<i>at 12 pm fog cleared till</i>
4	<i>100</i>				<i>800</i>			<i>Went to the South</i>
5								<i>at 1 pm fog cleared till</i>
6								<i>at 2 pm fog cleared till</i>
7								<i>at 3 pm fog cleared till</i>
8								<i>at 4 pm fog cleared till</i>
9								<i>at 5 pm fog cleared till</i>
10								<i>at 6 pm fog cleared till</i>
11								<i>at 7 pm fog cleared till</i>
12								<i>at 8 pm fog cleared till</i>
1								<i>P. M.</i>
2								<i>Went to the South</i>
3	<i>121</i>	<i>23</i>	<i>12</i>	<i>3900</i>	<i>380</i>	<i>135</i>	<i>90</i>	<i>Went to the South</i>
4								<i>at 4 pm fog cleared till</i>
5								<i>at 5 pm fog cleared till</i>
6								<i>at 6 pm fog cleared till</i>
7								<i>at 7 pm fog cleared till</i>
8								<i>at 8 pm fog cleared till</i>
9								<i>at 9 pm fog cleared till</i>
10								<i>at 10 pm fog cleared till</i>
11								<i>at 11 pm fog cleared till</i>
12								<i>at 12 pm fog cleared till</i>

URS.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.
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Journal of

Stour Karluk.

from

Herschell Island.

HOURS.	KNOTS.	FATHOMS.	COURSES.	WINDS.	LEEWAY.	BAROMETER.	TEMP.	REMARKS.
1	Steam	200	hour	Coal	B	Feed	rev	A. M. Start to start
2				Oil	In	tanks		4 ³⁰ 11 ¹¹ 11 ¹¹
3				Engine	5-1/2	Inches		Clear, ship going
4				Coal	11	"		South 11 ¹¹ 11 ¹¹
5				Coal	5	"		No wind
6				Coal	5	"		very, I saw the ice
7				Coal	5	"		Ship heading
8								
9	121	23	15	48	75	2410	135	get around the north
10								end of the
11								Stop at 11 ⁴⁵
12								P. M. 11 ⁴⁵ 11 ⁴⁵ 11 ⁴⁵
1								11 ⁴⁵ 11 ⁴⁵ 11 ⁴⁵
2								11 ⁴⁵ 11 ⁴⁵ 11 ⁴⁵
3								11 ⁴⁵ 11 ⁴⁵ 11 ⁴⁵
4								11 ⁴⁵ 11 ⁴⁵ 11 ⁴⁵
5	121	23	1	30	70	135	90	11 ⁴⁵ 11 ⁴⁵ 11 ⁴⁵
6								11 ⁴⁵ 11 ⁴⁵ 11 ⁴⁵
7								11 ⁴⁵ 11 ⁴⁵ 11 ⁴⁵
8								11 ⁴⁵ 11 ⁴⁵ 11 ⁴⁵
9								11 ⁴⁵ 11 ⁴⁵ 11 ⁴⁵
10								11 ⁴⁵ 11 ⁴⁵ 11 ⁴⁵
11								11 ⁴⁵ 11 ⁴⁵ 11 ⁴⁵
12								11 ⁴⁵ 11 ⁴⁵ 11 ⁴⁵

Journal of

from

Wednesday Sept 19

HOURS.	KNOTS.	FATHOMS.	COURSES.	WINDS.	LEEWAY.	BAROMETER.	TEMP.	REMARKS.
1								A. M. Weather clear in
2								the morning and
3								Wind North East
4								Ship going north
5								11 ¹¹ 11 ¹¹ 11 ¹¹
6								11 ¹¹ 11 ¹¹ 11 ¹¹
7								11 ¹¹ 11 ¹¹ 11 ¹¹
8								11 ¹¹ 11 ¹¹ 11 ¹¹
9								11 ¹¹ 11 ¹¹ 11 ¹¹
10								11 ¹¹ 11 ¹¹ 11 ¹¹
11								11 ¹¹ 11 ¹¹ 11 ¹¹
12								11 ¹¹ 11 ¹¹ 11 ¹¹
1								P. M. Thursday Sept 20
2								11 ¹¹ 11 ¹¹ 11 ¹¹
3								11 ¹¹ 11 ¹¹ 11 ¹¹
4								11 ¹¹ 11 ¹¹ 11 ¹¹
5								11 ¹¹ 11 ¹¹ 11 ¹¹
6								11 ¹¹ 11 ¹¹ 11 ¹¹
7								11 ¹¹ 11 ¹¹ 11 ¹¹
8								11 ¹¹ 11 ¹¹ 11 ¹¹
9								11 ¹¹ 11 ¹¹ 11 ¹¹
10								11 ¹¹ 11 ¹¹ 11 ¹¹
11								11 ¹¹ 11 ¹¹ 11 ¹¹
12								11 ¹¹ 11 ¹¹ 11 ¹¹

Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.
					A			A

KNOTS.	FATHOMS.	COURSES.	WINDS.	LEEWAY.	BAROMETER.	TEMP.	REMARKS.
120	23	11	3300	400	135	90	<p>A. M. Weather Moderate at 10th. Wind. Sea are going to the Eastward Heavy Sea in the North West Light Sea in the South East Steam at 1 pm to Windward Strong Breeze in Sea. Beluga or a Bark in sight</p> <p>P. M. Monday Feb 24. Steaming All Day North East Strong Breeze but Sea moderate Steer Beluga in sight Astern Coal burnt out 5 ton for</p>
139	40	11	50				

[illegible]

Journal

of *Star Karluk*

from *Herschell Island*

HOURS.	KNOTS.	FATHOMS.	COURSES.	WINDS.	LEEWAY.	BAROMETER.	TEMP.	REMARKS.
1			Steamer	Coal	By fire feed	rev	A. M.	Weather fine
2								light 7 ft. to Bay
3								high 10 ft. to Bay
4								low 10 ft. to Bay
5	100					730		low 10 ft. to Bay
6								low 10 ft. to Bay
7								low 10 ft. to Bay
8								low 10 ft. to Bay
9								low 10 ft. to Bay
10								low 10 ft. to Bay
11								low 10 ft. to Bay
12								low 10 ft. to Bay
1							P. M.	low 10 ft. to Bay
2								low 10 ft. to Bay
3	100					730		low 10 ft. to Bay
4								low 10 ft. to Bay
5								low 10 ft. to Bay
6								low 10 ft. to Bay
7								low 10 ft. to Bay
8								low 10 ft. to Bay
9								low 10 ft. to Bay
10								low 10 ft. to Bay
11								low 10 ft. to Bay
12								low 10 ft. to Bay

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.
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Journal of

from

Thursday Sept 27

HOURS.	KNOTS.	FATHOMS.	COURSES.	WINDS.	LEEWAY.	BAROMETER.	TEMP.	REMARKS.
1			But	Course	in	Order	A. M.	Under Sail
2								Gay
3								Comer
4	115	23	5	1250	650	125	70	West. an at 7 pm
5								Wind gone down
6								start to blow
7								light at slow
8								low 10 ft. to Bay
9								low 10 ft. to Bay
10								low 10 ft. to Bay
11								low 10 ft. to Bay
12								low 10 ft. to Bay
1							P. M.	Friday Sept 28
2								Sighted 12 miles
3	121	23	24	7200		125	80	at 7 am
4								to 10 ft. to Bay
5								to 10 ft. to Bay
6								to 10 ft. to Bay
7								to 10 ft. to Bay
8								to 10 ft. to Bay
9								to 10 ft. to Bay
10								to 10 ft. to Bay
11								to 10 ft. to Bay
12								to 10 ft. to Bay

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.
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Journal

Journal

Journal

Journal

Journal of

Star Warduk.

from

Hershell Island.

HOURS.	KNOTS.	FATHOMS.	COURSES.	WINDS.	LEEWAY.	BAROMETER.	TEMP.	REMARKS.
1	11.5		the hours	Coal.	By fire feed	100	A. M.	Monday Oct
2								
3							X	5 th water boat then
4					100			at 4 th off.
5								at 13 th off.
6								at 13 th off.
7								at 3 rd seaward
8							X	at 3 rd seaward
9								at 3 rd seaward
10								at 3 rd seaward
11								at 3 rd seaward
12								at 3 rd seaward
1								P. M. Tuesday Oct
2							X	Lowerd Boat 7 ³⁰
3	11.5				100			at 13 th off.
4								at 13 th off.
5								at 13 th off.
6								at 13 th off.
7								at 13 th off.
8								at 13 th off.
9								at 13 th off.
10								at 13 th off.
11								at 13 th off.
12								at 13 th off.

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.
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Journal of

from

Wednesday Oct

HOURS.	KNOTS.	FATHOMS.	COURSES.	WINDS.	LEEWAY.	BAROMETER.	TEMP.	REMARKS.
1	11.5				100			A. M. Blowing Strong
2								North Easter.
3								at 13 th off.
4								at 13 th off.
5								at 13 th off.
6								at 13 th off.
7								at 13 th off.
8								at 13 th off.
9								at 13 th off.
10								at 13 th off.
11								at 13 th off.
12								at 13 th off.
1								P. M. Thursday Oct
2					100			Blowing Strong
3								from the Eastward
4								at 13 th off.
5								at 13 th off.
6								at 13 th off.
7								at 13 th off.
8								at 13 th off.
9								at 13 th off.
10								at 13 th off.
11								at 13 th off.
12								at 13 th off.

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.
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Journal of <i>Star Karluk.</i>							from <i>Herschell Island.</i>	
NOTS.	Fathoms.	COURSES.	WINDS.	LEEWAY.	BAROMETER.	TEMP.	REMARKS.	
<i>Pac</i>		<i>hours Coal.</i>		<i>B fires feed, rev.</i>		<i>A. M.</i>	<i>Friday Oct 5th</i>	
						<i>X</i>	<i>1, 2 Bats at 7³⁰</i>	
							<i>for about 10 min. had</i>	
							<i>nothing. 4³⁰ Bats at 4³⁰</i>	
<i>100</i>				<i>500.</i>			<i>Saw 2 Bats at 4³⁰</i>	
							<i>Saw 4 Bats at 4³⁰</i>	
							<i>Bats at 6³⁰</i>	
							<i>Darkness Can see</i>	
						<i>X</i>	<i>nothing but stars</i>	
							<i>Weather moderate</i>	
							<i>Wind 20 sea green</i>	
							<i>Droopy.</i>	
						<i>P. M.</i>	<i>Saturday Oct 6th</i>	
							<i>Saw 3 Whales at 7³⁰</i>	
							<i>working to E. S. in Snow</i>	
							<i>thick light to the East</i>	
							<i>and thick fog.</i>	
<i>120</i>	<i>23</i>	<i>1 1/2</i>	<i>15 00</i>	<i>650</i>			<i>Spoke Star B. ash 3 pm</i>	
							<i>reported having caught</i>	
							<i>1 Whale to Westward</i>	
							<i>Healed to the north</i>	
							<i>the north East at 4³⁰</i>	
							<i>stopped a man.</i>	

Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.	
Journal of					from	Sunday Oct 7 th .			
KNOTS.	Fathoms.	COURSES.	WINDS.	LEEWAY.	BAROMETER.	TEMP.	REMARKS.		
100			Packed H Piston Rod on the Star	500			A. M. Cruise of M. T. Day. 11 a. m. fair and clear in the forenoon but light fog. 10 Whales in sight but the light was thick. Fog very nice Breeze. North East. Weather still.		
110			100	800			P. M. Monday Oct 8 th In the forenoon the H. was 200 fathoms from the light and was the 1st of the Crew met at the top to the north of the light. Crew met at the top 20 Whales in sight.		
		100					100		
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		100</							

Journal

of *Mr Karluk*

from

Hershell Island.

HOURS. KNOTS. FATHOMS. COURSES. WINDS. LEEWAY. BAROMETER. TEMP.

Tuesday REMARKS.

Stimulated Hour Coal B fires feed rec. A. M.

2
3 *100.*

500

*Sailed 30.15 11³⁰ am
fine light 3 Whales
in sight
1st & 2nd
Whale quite a
fixing around
the ship
Catch one.
4 Ship in sight
Boat 10.45*

P. M.

Wednesday Oct 10

*Sailed from Home today
Hershell Island in sight
in the morning
saw 1st & 2nd
Whale but the
to rough to low
Heavy sea on third
Boat for Point Hope
to land natives*

Course. Distance. Diff. of Lat. Departure. Lat. by D. R. Lat. by Ob. Variation. Diff. of Lon. Lon. in Lon. by Ob.

Journal of

from

Thursday Oct 11th

HOURS. KNOTS. FATHOMS. COURSES. WINDS. LEEWAY. BAROMETER. TEMP.

REMARKS.

A. M.

*Blowing a Gale
North East and
Heavy Sea
Tarpaulin binding
at Interval
Sea very rough
Ship upped
at 10.15
Boat 10.45
Boat 10.45*

P. M.

Friday Oct 12th

120 23 9 2700 510 130 95

*Lifted to Cape Lisbon
at 5³⁰ am arrived at
Point Hope 12 m
on Coast
put water ashore
Sailed for Cape + Point
Lisbon
Light North East Wind
all sail set*

5610

Course. Distance. Diff. of Lat. Departure. Lat. by D. R. Lat. by Ob. Variation. Diff. of Lon. Lon. in Lon. by Ob.

Journal

from Herschell Island.

[illegible]

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.
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Journal of

from

Monday Oct 15th

[illegible]

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.
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Journal of

Stur Karluk.

from

Herschell Island.

HOURS. KNOTS. FATHOMS. COURSES. WINDS. LEEWAY. BAROMETER. TEMP.

REMARKS.

1 Steam & Coal B.F. Feed Rev
 2 120 23 14 1/2 6.00 110 131 78
 3
 4
 5
 6
 7
 8
 9
 10
 11
 12

A. M.

Stop to fish at 7
 off 11 1/2 miles
 7 miles
 30 m
 East by the
 Stopped Steaming
 Again 10 to fish
 Ahead again 1 30 m
 and for an off sail
 Heavy sea on

P. M.

Friday Oct 18.

1 120 23 18 5400 130 130 78
 2
 3
 4
 5
 6
 7
 8
 9
 10
 11
 12

Stop Steaming 5³⁰ am
 made all sail
 Ship close to the wind
 Heavy sea on
 but blind light
 Eastern
 Stated 11
 Wind gone at
 7 pm. No sail
 on.

Course. Distance. Diff. of Lat. Departure. Lat. by D. R. Lat. by Ob. Variation. Diff. of Lon. Lon. in Lon. by Ob.

Journal of

from

Friday Oct 19.

HOURS. KNOTS. FATHOMS. COURSES. WINDS. LEEWAY. BAROMETER. TEMP.

REMARKS.

1 120 23 7 1/2 2240 600 130 78
 2
 3
 4
 5
 6
 7
 8
 9
 10
 11
 12

A. M.

Stop Steaming
 at 7 pm Strong S. E. Wind
 in the afternoon
 blowing a gale
 ship to westward
 of St. Paul Island
 & Stur in company.

P. M.

Saturday Oct 20.

1 115 23 12 1/2 3750 350 130 80
 2
 3
 4
 5
 6
 7
 8
 9
 10
 11
 12

Wind shifted into
 the westward but light
 and very heavy sea on
 steam 10 am Stop 12 mi
 ahead again 1 30 m
 sea gone & over
 a little
 an wind South
 but light
 1 star in sight

17390 1200

Course. Distance. Diff. of Lat. Departure. Lat. by D. R. Lat. by Ob. Variation. Diff. of Lon. Lon. in Lon. by Ob.

Journal of *Ship Karluk* from *Herschell Island.*

HOURS	KNOTS.	FATHOMS.	COURSES.	WINDS.	LEEWAY.	BAROMETER.	TEMP.	REMARKS.
								<i>Monday Oct 21</i>
2								<i>Passed St George's Island.</i>
3								<i>1230 heavy fog & rain</i>
4	125	23	24	9600		130	103	<i>in front of the South</i>
5								<i>most light & a strong</i>
6								<i>blizzard</i>
7								
8								<i>Wind. Speed at 4 p.m.</i>
9								<i>Burned up & different</i>
10								<i>up to 11 at 11 p.m.</i>
11								<i>at 6 p.m. 95 miles</i>
12								<i>from 1 p.m. 11 p.m.</i>
1								<i>P. M. from 1 p.m. 11 p.m.</i>
2	125	23	11	4500	330	130	105	<i>Lifted Cape Horn 11⁰⁰</i>
3								<i>Arrived at Dutch Oct 21⁰⁰</i>
4								<i>Am anchored. Close to</i>
5								<i>Spit</i>
6								<i>Up to 1000 Ballast in</i>
7								<i>the afternoon.</i>
8								<i>Start for the reported</i>
9								<i>to have sailed from</i>
10								<i>the 1st day of the 2nd</i>
11								<i>for St. Paul.</i>
12								

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.
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Journal of *Ship Karluk* from *Tuesday Oct 23.*

HOURS	KNOTS.	FATHOMS.	COURSES.	WINDS.	LEEWAY.	BAROMETER.	TEMP.	REMARKS.
								<i>Wednesday Oct 23</i>
1								<i>A. M. took Ballast in the</i>
2								<i>gunther's store & 100</i>
3								<i>Dutch Harbor & 200</i>
4	100	23	2	1200	600	130	80	<i>11 p.m. started a wind</i>
5								<i>to the harbor.</i>
6								<i>2 p.m. 1000 ft. from</i>
7								<i>Dutch Harbor & 1000</i>
8								<i>2 p.m. anchored for the</i>
9								<i>night. Fine weather</i>
10								<i>1000 ft. from</i>
11								<i>1000 ft. from</i>
12								<i>1000 ft. from</i>
1								<i>P. M. Dutch Harbor 1000</i>
2								<i>anchored at Dutch Harbor</i>
3								<i>Beautiful weather. Clear</i>
4								<i>and calm. 1000 ft. from</i>
5								<i>1000 ft. from</i>
6								<i>1000 ft. from</i>
7								<i>1000 ft. from</i>
8								<i>1000 ft. from</i>
9								<i>1000 ft. from</i>
10								<i>1000 ft. from</i>
11								<i>1000 ft. from</i>
12								<i>1000 ft. from</i>

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.
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Journal of *Stmr Karluk*

from *Herschell Island.*

HOURS.	KNOTS.	FATHOMS.	COURSES.	WINDS.	LEEWAY.	BAROMETER.	TEMP.	REMARKS.
1								<i>Heard the hours Coal B.P. Feed rec.</i>
2								
3								
4								
5	120.23	13	1/2	4057	300	130	85	<i>A. M. Sailed from Dutch Harbor 10³⁰ am Spited. 11³⁰ am Breeze off.</i>
6								<i>10³⁰ am Breeze off.</i>
7								<i>11³⁰ am Breeze off.</i>
8								<i>12³⁰ pm Breeze off.</i>
9								<i>1³⁰ pm Breeze off.</i>
10								<i>2³⁰ pm Breeze off.</i>
11								<i>3³⁰ pm Breeze off.</i>
12								<i>4³⁰ pm Breeze off.</i>
1								<i>P. M. Breeze off.</i>
2								<i>5³⁰ pm Breeze off.</i>
3								<i>6³⁰ pm Breeze off.</i>
4	120.23	24	7	200		135	85.	<i>11³⁰ am Breeze off.</i>
5								<i>12³⁰ pm Breeze off.</i>
6								<i>1³⁰ pm Breeze off.</i>
7								<i>2³⁰ pm Breeze off.</i>
8								<i>3³⁰ pm Breeze off.</i>
9								<i>4³⁰ pm Breeze off.</i>
10								<i>5³⁰ pm Breeze off.</i>
11								<i>6³⁰ pm Breeze off.</i>
12								<i>7³⁰ pm Breeze off.</i>

Course. Distance. Diff. of Lat. Departure. Lat. by D. R. Lat. by Ob. Variation. Diff. of Lon. Lon. in Lon. by Ob.

Journal of

from

Saturday Oct 27.

HOURS.	KNOTS.	FATHOMS.	COURSES.	WINDS.	LEEWAY.	BAROMETER.	TEMP.	REMARKS.
1								<i>A. M. Stop Steaming at 1³⁰ am Head</i>
2								<i>11³⁰ am Head</i>
3								<i>12³⁰ am Head</i>
4								<i>1³⁰ pm Head</i>
5	120.23	1 1/2	450	600	130	85		<i>1³⁰ pm Head</i>
6								<i>2³⁰ pm Head</i>
7								<i>3³⁰ pm Head</i>
8								<i>4³⁰ pm Head</i>
9								<i>5³⁰ pm Head</i>
10								<i>6³⁰ pm Head</i>
11								<i>7³⁰ pm Head</i>
12								<i>8³⁰ pm Head</i>
1								<i>P. M. Sunday Oct 28</i>
2								<i>Still Blowing</i>
3								<i>a Gale Ship Head</i>
4								<i>11³⁰ am Head</i>
5								<i>12³⁰ am Head</i>
6								<i>1³⁰ pm Head</i>
7								<i>2³⁰ pm Head</i>
8								<i>3³⁰ pm Head</i>
9								<i>4³⁰ pm Head</i>
10								<i>5³⁰ pm Head</i>
11								<i>6³⁰ pm Head</i>
12								<i>7³⁰ pm Head</i>

*gave Deck
Can Coal oil*

600

11.700 1500

Course. Distance. Diff. of Lat. Departure. Lat. by D. R. Lat. by Ob. Variation. Diff. of Lon. Lon. in Lon. by Ob.

from

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 96
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 98
 99
 100

at 10 am took upper
loft box & left without
a fire etc.
Spring got very light
at 8³⁰ pm started to
the new animal Dist
out.

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.
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fiann

REMARKS.

A. M. At 12¹⁵ am they
blew Coals out of
the South End
the coal is still
6 am then went under
Sail. a great fog.
Hauled out the
Boilers

Steamed from July 9
to Oct. 31st

P. M. Days hrs min
22 4 30

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.
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Journal of

from *Thurs day Nov 1st*

HOURS. KNOTS. FATHOMS. COURSES. WINDS. LEEWAY. BAROMETER. TEMP.

REMARKS.

Steamer Hrs Coal B. L. S. Feed rev.

I
2
3
4
5
6
7
8
9
10
11
12

I
2
3
4
5
6
7
8
9
10
11
12

A. M. *Spent up Boiler
found same in
good condition
Washed it out
and filled with
salt water
Ship made 115 miles
in 24 hours
11.45 AM Dead Calm
in afternoon
Friday Nov 2.*

P. M. *11.45 AM Breeze
up from the South
Ship ran 11.45 into
the North East.
Good Breeze
Weather clear.
Ship at noon 7.50
with good weather*

Course. Distance. Diff. of Lat. Departure. Lat. by D. R. Lat. by Ob. Variation. Diff. of Lon. Lon. in Lon. by Ob.

Journal of

from

Saturday Nov 3rd

HOURS. KNOTS. FATHOMS. COURSES. WINDS. LEEWAY. BAROMETER. TEMP.

REMARKS.

I
2
3
4
5
6
7
8
9
10
11
12

I
2
3
4
5
6
7
8
9
10
11
12

*Put Can Coal Oil
in Engine room tanks*

A. M. *Under Sail Light
Breeze at noon
Ship is Latitude 45 Deg
59 min
Weather squally
Weather clear*

P. M. *Sunday Nov 4th
Under Sail fair
Ship at noon
Latitude 44.27 min*

Course. Distance. Diff. of Lat. Departure. Lat. by D. R. Lat. by Ob. Variation. Diff. of Lon. Lon. in Lon. by Ob.

Journal of

U.S. Fish Commission

from

San Francisco to

HOURS.	KNOTS.	FATHOMS.	COURSES.	WINDS.	LEEWAY.	BAROMETER.	TEMP.	REMARKS.
								<i>Mon May 5</i>
<i>Steamer</i>	<i>Hours</i>	<i>Coal</i>	<i>By fire</i>	<i>feed</i>	<i>rev.</i>	A. M.		
2								<i>Wind died out in the afternoon and cloudy all day got no sight of Brownish Bluffs before 100 miles from San Francisco</i>
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
								<i>P. M.</i>
1								<i>Wind came out light from the East Ship heading East South East Wind gone Down in the afternoon and fair</i>
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								

Course. Distance. Diff. of Lat. Departure. Lat. by D. R. Lat. by Ob. Variation. Diff. of Lon. Lon. in Lon. by Ob.

Journal of

from

San Francisco to

HOURS.	KNOTS.	FATHOMS.	COURSES.	WINDS.	LEEWAY.	BAROMETER.	TEMP.	REMARKS.
								<i>Wed May 7</i>
								A. M.
1								<i>Strong heavy wind an heavy sea on</i>
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
								P. M.
1								<i>Strong heavy wind an heavy sea at times</i>
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								

Course. Distance. Diff. of Lat. Departure. Lat. by D. R. Lat. by Ob. Variation. Diff. of Lon. Lon. in Lon. by Ob.

Journal of

H. C. Carver

from

H. C. Carver

HOURS.	KNOTS.	FATHOMS.	COURSES.	WINDS.	LEEWAY.	BAROMETER.	TEMP.	REMARKS.
1			Steamer	Coal	CO. P. Reed	100	A. M.	Blowing Strong
2								South East an Heavy
3								Sea running
4								Ship making
5								good progress.
6								but hope for better
7								weather before
8								
9								
10								
11								
12								
1							P. M.	Blowing Strong
2								Wind Shifts to
3								the South but still
4								heavy sea running
5								at night wind
6								light out a calm
7								Ship made 30 miles
8								in 12 hrs.
9								
10								
11								
12								

Course. Distance. Diff. of Lat. Departure. Lat. by D. R. Lat. by Ob. Variation. Diff. of Lon. Lon. in Lon. by Ob.

Journal of

from

Sunday Nov 11th

HOURS.	KNOTS.	FATHOMS.	COURSES.	WINDS.	LEEWAY.	BAROMETER.	TEMP.	REMARKS.
1							A. M.	Wind Shift
2								South East but light
3								started fire at 5 am
4								made steam at 9 am
5								got under way
6								at 10 am for 10 minutes
7								then went under
8								Sail again
9								Crew scrubbing an
10								cleaning engine
11								Crew doing sample
12								
1							P. M.	Sunday Nov 12 th
2								Started to steam at 10
3	120.23	14	3900	400	130	100		Wind light South
4								
5								
6								
7								
8								
9								
10								
11								
12								

Course. Distance. Diff. of Lat. Departure. Lat. by D. R. Lat. by Ob. Variation. Diff. of Lon. Lon. in Lon. by Ob.

Journal of

Steamer Karluk

from

Herschell, Alaska

HOURS.	KNOTS.	FATHOMS.	COURSES.	WINDS.	LEEWAY.	BAROMETER.	TEMP.	REMARKS.
2								A. M. Tuesday Nov 13 th Passed Point Reyes Oct. 1 st from Arrived in Harbor off San Francisco Anchored at 5:20. All hands kept ready for the night
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5	120	23	17 1/2	6500	110	13.5	108	
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Course.

Distance.

Diff. of Lat.

Departure.

Lat. by D. R.

Lat. by Ob.

Variation.

Diff. of Lon.

Lon. in

Lon. by Ob.

Journal of

from

HOURS.	KNOTS.	FATHOMS.	COURSES.	WINDS.	LEEWAY.	BAROMETER.	TEMP.	REMARKS.			
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Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.		

Journal of

from

HOURS. KNOTS. FATHOMS. COURSES. WINDS. LEEWAY. BAROMETER. TEMP. REMARKS.

Steam the hours. Coal B. Fire Feed per. A. M.

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P. M.

Course. Distance. Diff. of Lat. Departure. Lat. by D. R. Lat. by Ob. Variation. Diff. of Lon. Lon. in Lon. by Ob.

Journal of

from

HOURS. KNOTS. FATHOMS. COURSES. WINDS. LEEWAY. BAROMETER. TEMP. REMARKS.

A. M.

P. M.

Course. Distance. Diff. of Lat. Departure. Lat. by D. R. Lat. by Ob. Variation. Diff. of Lon. Lon. in Lon. by Ob.

Journal of

from

Hours.	Knots.	Fathoms.	Courses.	Winds.	LeeWay.	Barometer.	Temp.	Remarks.		
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Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.	

Journal of

from

Hours.	Knots.	Fathoms.	Courses.	Winds.	LeeWay.	Barometer.	Temp.	Remarks.		
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Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.	

from

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Hours.	Knots.	Fathoms.	Courses.	Winds.	Lee-way.	Barometer.	Temp.	Remarks.		
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Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.	

Journal of

from

Hours.	KNOTS.	Fathoms.	COURSES.	WINDS.	LEEWAY.	BAROMETER.	TEMP.	REMARKS.		
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Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.	

Journal of

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HOURS.	KNOTS.	Fathoms.	COURSES.	WINDS.	LEEWAY.	BAROMETER.	TEMP.	REMARKS.		
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Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.	

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Journal of

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Journal of

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Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.		

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Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.	

Journal of

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HOURS.	KNOTS.	Fathoms.	COURSES.	WINDS.	LEEWAY.	BAROMETER.	TEMP.	REMARKS.		
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Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.	

Hours.	Knots.	Fathoms.	Courses.	Winds.	LeeWay.	Barometer.	Temp.	Remarks.			
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Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.		

Hours.	Knots.	Fathoms.	Courses.	Winds.	LeeWay.	Barometer.	Temp.	Remarks.			
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Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.		

Journal of

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HOURS.	KNOTS.	Fathoms.	COURSES.	WINDS.	LEEWAY.	BAROMETER.	TEMP.	REMARKS.			
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Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.		

Journal of

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Journal of

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Journal of

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Journal of

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Journal of

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Journal of

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Journal of

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Journal of

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Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.		

Journal of

from

Hours.	Knots.	Fathoms.	Courses.	Winds.	Leeway.	Barometer.	Temp.	Remarks.			
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Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.		

Journal of

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HOURS.	KNOTS.	Fathoms.	COURSES.	WINDS.	LEEWAY.	BAROMETER.	TEMP.	REMARKS.	
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Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.

Journal of

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HOURS.	KNOTS.	Fathoms.	COURSES.	WINDS.	LEEWAY.	BAROMETER.	TEMP.	REMARKS.	
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Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.

Journal of

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Hours.	Knots.	Fathoms.	Courses.	Winds.	LeeWAY.	Barometer.	Temp.	REMARKS.		
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Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.	

Journal of

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Hours.	Knots.	Fathoms.	Courses.	Winds.	LeeWAY.	Barometer.	Temp.	REMARKS.		
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Journal of

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Journal of

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Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.

Journal of

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Journal of

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Journal of

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Journal of

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Journal of

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Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.

Journal of

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Course.	Distance.		Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.	

Journal of

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Hours.	Knots.	Fathoms.	Courses.	Winds.	LeeWay.	Barometer.	Temp.	Remarks.			
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Journal of

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Journal of

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Journal of

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HOURS.	KNOTS.	FATHOMS.	COURSES.	WINDS.	LEEWAY.	BAROMETER.	TEMP.	REMARKS.	
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Journal of

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Journal of

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Journal of

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Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.	

Journal of

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Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.	

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Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.
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Journal of

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HOURS.	KNOTS.	Fathoms.	COURSES.	WINDS.	LEEWAY.	BAROMETER.	TEMP.	REMARKS.	
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Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.

Journal of

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HOURS.	KNOTS.	Fathoms.	COURSES.	WINDS.	LEEWAY.	BAROMETER.	TEMP.	REMARKS.	
I								A. M. / Bar for turning	
2								Engine	
3								1 Gallon Disolts / Primer Lamp. Gasoline.	
4								2 Copper Oil fender.	
5								4 1/2 quirts Can.	
6								1 Hack saw frames.	
7								1 Wood saw.	
8								2 Acee's. Haying in	
9								Engine robot	
10									
11									
12								P. M. Condenser Tool's.	
I								2 Drivers	
2								2 furl's tool's	
3								50 spare furl's. Brass.	
4								no packing for	
5								Condenser. f -	
6									
7								1. 1/4 Inch Eye Bolts.	
8								Lag screw thread	
9								for taking blades off.	
10								1. 1/2 Shackle. for lifting	
11								Blade's	
12									
Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.

HOURS.	KNOTS.	Fathoms.	COURSES.	WINDS.	LEEWAY.	BAROMETER.	TEMP.	REMARKS.	
I								A. M. 1 Gauge Glass Cutter	
2								12 Spare Glasses.	
3								1 Tarn for Engine	
4								Chisel's	
5								6 flat s.	
6								6 Cape s.	
7								2 Round nose,	
8								1 Diamond point	
9								Caulking tool	
10									
11								P. M. 2 Caulking 2.	
12								2 Beading tools	
I								for Boiler	
2								1 Tube Rubber roller.	
3								6 Sledge Handle s.	
4								4 Hammer "	
5								2 Pipe Brushes.	
6								1 tube scraper.	
7									
8									
9									
10									
11									
12									
Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.

Journal of

from

Hours.	Knots.	Fathoms.	Courses.	Winds.	Leeway.	Barometer.	Temp.	Remarks.			
1								A. M.			
2											
3											
4											
5											
6											
7											
8											
9											
10											
11											
12											
1								P. M.			
2											
3											
4											
5											
6											
7											
8											
9											
10											
11											
12											
Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.		

Journal of

from

Hours.	Knots.	Fathoms.	Courses.	Winds.	Leeway.	Barometer.	Temp.	Remarks.			
1								A. M.			
2											
3											
4											
5											
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7											
8											
9											
10											
11											
12											
1								P. M.			
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9											
10											
11											
12											
Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.		

Cg

H

12

1

2

3

10

11

12

Course

$$\begin{array}{r} 13 \\ 300 \\ \hline 3900 \end{array}$$

$$\begin{array}{r} 1000 \\ 25 \\ 25 \\ \hline 950 \\ 960 \end{array}$$

Engineer's

Log Book

S. S. Kar Luk.

